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OIPE

RAW SEQUENCE LISTING

DATE: 01/04/2002

PATENT APPLICATION: US/09/882,781

TIME: 10:00:15

Input Set : A:\ES.txt

Output Set: N:\CRF3\01042002\I882781.raw

P.S

7 <110> APPLICANT: Kuhner, Carol H.
10 Romesser, James A.
16 <120> TITLE OF INVENTION: Chemically-Modified Peptides, Compositions, And Methods Of
Production And
17 Use
23 <130> FILE REFERENCE: HER0050
29 <140> CURRENT APPLICATION NUMBER: 09/882,781
32 <141> CURRENT FILING DATE: 2001-06-15
38 <150> PRIOR APPLICATION NUMBER: 60/212,441
41 <151> PRIOR FILING DATE: 2000-06-16
47 <150> PRIOR APPLICATION NUMBER: PCT/US01/19400
50 <151> PRIOR FILING DATE: 2001-06-15
56 <160> NUMBER OF SEQ ID NOS: 32
62 <170> SOFTWARE: PatentIn version 3.1
68 <210> SEQ ID NO: 1
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74 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
86 <223> OTHER INFORMATION: Novel Sequence
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96 1
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108 <212> TYPE: PRT
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130 1
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154 <223> OTHER INFORMATION: Novel Sequence
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164 1
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179 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
188 <223> OTHER INFORMATION: Novel Sequence
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196 Arg Arg Trp Phe
198 1
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230 Arg Trp Arg Trp
232 1
238 <210> SEQ ID NO: 6
241 <211> LENGTH: 4
244 <212> TYPE: PRT
247 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
256 <223> OTHER INFORMATION: Novel Sequence
260 <400> SEQUENCE: 6
264 Arg Phe Arg Trp
266 1
272 <210> SEQ ID NO: 7
275 <211> LENGTH: 4
278 <212> TYPE: PRT
281 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
290 <223> OTHER INFORMATION: Novel Sequence
294 <400> SEQUENCE: 7
298 Arg Arg Phe Trp
300 1
306 <210> SEQ ID NO: 8
309 <211> LENGTH: 4
312 <212> TYPE: PRT
315 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
324 <223> OTHER INFORMATION: Novel Sequence
328 <400> SEQUENCE: 8
332 Arg Trp Ala Arg
334 1
340 <210> SEQ ID NO: 9
343 <211> LENGTH: 4
346 <212> TYPE: PRT
349 <213> ORGANISM: Artificial Sequence
355 <220> FEATURE:
358 <223> OTHER INFORMATION: Novel Sequence
362 <400> SEQUENCE: 9
366 Arg Trp Tyr Arg
368 1
374 <210> SEQ ID NO: 10
377 <211> LENGTH: 4

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Input Set : A:\ES.txt

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380 <212> TYPE: PRT
383 <213> ORGANISM: Artificial Sequence
389 <220> FEATURE:
392 <223> OTHER INFORMATION: Novel Sequence
396 <400> SEQUENCE: 10
400 Arg Trp Ile Arg
402 1
408 <210> SEQ ID NO: 11
411 <211> LENGTH: 4
414 <212> TYPE: PRT
417 <213> ORGANISM: Artificial Sequence
423 <220> FEATURE:
426 <223> OTHER INFORMATION: Novel Sequence
430 <400> SEQUENCE: 11
434 Arg Trp Leu Arg
436 1
442 <210> SEQ ID NO: 12
445 <211> LENGTH: 4
448 <212> TYPE: PRT
451 <213> ORGANISM: Artificial Sequence
457 <220> FEATURE:
460 <223> OTHER INFORMATION: Novel Sequence
464 <400> SEQUENCE: 12
468 Arg Trp Pro Arg
470 1
476 <210> SEQ ID NO: 13
479 <211> LENGTH: 4
482 <212> TYPE: PRT
485 <213> ORGANISM: Artificial Sequence
491 <220> FEATURE:
494 <223> OTHER INFORMATION: Novel Sequence
498 <400> SEQUENCE: 13
502 Arg Trp Val Arg
504 1
510 <210> SEQ ID NO: 14
513 <211> LENGTH: 4
516 <212> TYPE: PRT
519 <213> ORGANISM: Artificial Sequence
525 <220> FEATURE:
528 <223> OTHER INFORMATION: Novel Sequence
532 <400> SEQUENCE: 14
536 Arg Trp Cys Arg
538 1
544 <210> SEQ ID NO: 15
547 <211> LENGTH: 4
550 <212> TYPE: PRT
553 <213> ORGANISM: Artificial Sequence
559 <220> FEATURE:
562 <223> OTHER INFORMATION: Novel Sequence

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Input Set : A:\ES.txt

Output Set: N:\CRF3\01042002\I882781.raw

566 <400> SEQUENCE: 15
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572 1
578 <210> SEQ ID NO: 16
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593 <220> FEATURE:
596 <223> OTHER INFORMATION: Novel Sequence
600 <400> SEQUENCE: 16
604 Arg Trp Ser Arg
606 1
612 <210> SEQ ID NO: 17
615 <211> LENGTH: 4
618 <212> TYPE: PRT
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627 <220> FEATURE:
630 <223> OTHER INFORMATION: Novel Sequence
634 <400> SEQUENCE: 17
638 Arg Trp Thr Arg
640 1
646 <210> SEQ ID NO: 18
649 <211> LENGTH: 4
652 <212> TYPE: PRT
655 <213> ORGANISM: Artificial Sequence
661 <220> FEATURE:
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668 <400> SEQUENCE: 18
672 Arg Trp Asn Arg
674 1
680 <210> SEQ ID NO: 19
683 <211> LENGTH: 4
686 <212> TYPE: PRT
689 <213> ORGANISM: Artificial Sequence
695 <220> FEATURE:
698 <223> OTHER INFORMATION: Novel Sequence
702 <400> SEQUENCE: 19
706 Arg Trp Gln Arg
708 1
714 <210> SEQ ID NO: 20
717 <211> LENGTH: 4
720 <212> TYPE: PRT
723 <213> ORGANISM: Artificial Sequence
729 <220> FEATURE:
732 <223> OTHER INFORMATION: Novel Sequence
736 <220> FEATURE:
739 <221> NAME/KEY: misc_feature
742 <222> LOCATION: (3)..(3)
745 <223> OTHER INFORMATION: Xaa is a naphthylalanine

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Input Set : A:\ES.txt

Output Set: N:\CRF3\01042002\I882781.raw

w-OK 752 <400> SEQUENCE: 20
 756 Arg Trp Xaa Arg
 758 1
 764 <210> SEQ ID NO: 21
 767 <211> LENGTH: 4
 770 <212> TYPE: PRT
 773 <213> ORGANISM: Artificial Sequence
 779 <220> FEATURE:
 782 <223> OTHER INFORMATION: Novel Sequence
 786 <400> SEQUENCE: 21
 790 Arg Trp His Arg
 792 1
 798 <210> SEQ ID NO: 22
 801 <211> LENGTH: 4
 804 <212> TYPE: PRT
 807 <213> ORGANISM: Artificial Sequence
 813 <220> FEATURE:
 816 <223> OTHER INFORMATION: Novel Sequence
 820 <400> SEQUENCE: 22
 824 Arg Trp Lys Arg
 826 1
 832 <210> SEQ ID NO: 23
 835 <211> LENGTH: 4
 838 <212> TYPE: PRT
 841 <213> ORGANISM: Artificial Sequence
 847 <220> FEATURE:
 850 <223> OTHER INFORMATION: Novel Sequence
 854 <400> SEQUENCE: 23
 858 Arg Trp Gly Arg
 860 1
 866 <210> SEQ ID NO: 24
 869 <211> LENGTH: 6
 872 <212> TYPE: PRT
 875 <213> ORGANISM: Artificial Sequence
 881 <220> FEATURE:
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 888 <220> FEATURE:
 891 <221> NAME/KEY: misc_feature
 894 <222> LOCATION: (6)..(6)
 897 <223> OTHER INFORMATION: Xaa is any amino acid
 904 <400> SEQUENCE: 24
 w-OK 908 Phe Arg Trp Trp His Xaa
 910 1 5
 916 <210> SEQ ID NO: 25
 919 <211> LENGTH: 6
 922 <212> TYPE: PRT
 925 <213> ORGANISM: Artificial Sequence
 931 <220> FEATURE:
 934 <223> OTHER INFORMATION: Novel Sequence

Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/882,781

DATE: 01/04/2002

TIME: 10:00:16

Input Set : A:\ES.txt

Output Set: N:\CRF3\01042002\I882781.raw

L:756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:908 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:958 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:1008 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:1058 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:1108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28